

# Hannah Gross

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## EDUCATION

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### **Brown University**

Providence, RI | Expected Graduation May 2023

Sc.B. in Mathematics-Computer Science, Concurrent MA in Computer Science

Relevant courses: Statistical Inference, Introduction to Computer Systems, Systems Security, Probabilistic Methods in Computer Science, Abstract Algebra, Design and Analysis of Algorithms, Topology

Favorite unrelated courses: Philosophy of Attention, Topics in Constitutional Law, Russia: Reforms to World Wars

### **John F Kennedy High School**, Abitur (& High School Diploma)

Berlin, Germany | Class of 2018

Honors classes: Math and Physics

GPA: 4.15 (weighted, 4.0 scale)

## EXPERIENCE

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### **Full Stack at Brown**, *Project Manager*

Providence, Rhode Island | Feb 2021 – Present

- Managed multiple teams of 3-4 engineers and designers working on in pro-bono projects to build websites / web apps
- For example, built a website for the club climbing team with an integrated event planning infrastructure to allow coordination of rides and locations, reducing planning time from hours to seconds

### **Theator**, *BI Analyst and Backend Engineer*

Tel Aviv, Israel | May 2021 – August 2021

- Set up an end to end data infrastructure that allowed analysts to run queries in minutes instead of hours and created the backend for dashboards on the application, working closely with the clinical and dev teams
- Built a custom coded ETL process, a data warehouse on AWS, a backend API for that data warehouse, and dashboards on Metabase

### **Vaha**, *BI Analyst*

Berlin, Germany | May 2020 – August 2020

- Set up a data warehouse (ETL, staging, production, and DWH DB) in PostgreSQL
- Built analyses and dashboards for management relating to product usage

### **Brown University**, *Research Project*

Providence, RI | Jan 2020 – June 2020

- Research on Transformers as applied to formal language with Prof Michael Littman

### **Theator**, *Programmer Intern*

Tel Aviv, Israel | Feb 2019 – April 2019

- Programmed building blocks for data post-processing, simple computer vision tasks
- Used ML to predict surgery length

### **SUPER Group**, *Intern*

Berlin, Germany | Sept 2018 – Jan 2019

- Executive assistant to founder and CEO
- Set up a CRM database, built website using wordpress

### **Bauer und Thomas**, *Mechanic Intern*

Berlin, Germany | July 2017 – August 2017

- Practical internship, applied mechanical skills and learned the basics of automotive technology

## SKILLS & INTERESTS

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**Languages (computer):** Python, SQL, Java, C

**Libraries:** Numpy, pandas, tensorflow

**Languages (human):** Fluent in English and German, proficient in French

**Interests:** Gymnastics, Dance, Martial Arts, Philosophy, Literature